United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding (i.e., PCS)

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac Type
1 N	WAU000646	17 04 27	I	R	3

Remarks

21 ____ 66

Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved
67 70	70	71	72	73 74 75 ____ 80

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time/Date	Permit Effective Date
Veldhuis Dairy, LLC 26480 State Route 22 Mabton, Washington 98935	9:10 AM/ 04/27/17	Unpermitted
	Exit Time/Date	Permit Expiration Date
	10:56 AM/ 04/27/17	Unpermitted

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data *(e.g., SIC NAICS, and other descriptive information)*
Ruurd Veldhuis/Manager/(509) 831-8331	Compliance Evaluation Inspection Lat.: 46.19236 Long.: -119.92691
Name, Address of Responsible Official/Title/Phone and Fax Number Jacob Veldhuis/Owner and Operator/(509) 837-3275 650 Hornby Road Grandview, WA 98930	Contacted ☐ Yes ☑ No SIC: 0241 (Dairy Farm) NAICS: 112120

Section C: Areas Evaluated During Inspection *(Check only those areas evaluated)*

☐ Permit	☐ Self-Monitoring Program	☐ Pretreatment	☐ MS4
☑ **Records/Reports**	☐ Compliance Schedules	☐ Pollution Prevention	
☑ Facility Site Review	☐ Laboratory	☐ Storm Water	
☑ Effluent/Receiving Waters	☐ Operations & Maintenance	☐ Combined Sewer Overflow	
☐ Flow Measurement	☐ Sludge Handling/Disposal	☐ Sanitary Sewer Overflow	

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description
	See the attached report.

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Numbers	Date
Joseph Roberto	EPA/OCE/206-553-1669	05/01/17
Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Numbers	Date
Kimberly A. Ogle	EPA/OCE/MAIL 3-0055	5/16/17

EPA Form 3560-3 (Rev 1-06) Previous editions are obsolete.

ICIS.
5/2/17

INSTRUCTIONS

Section A: National Data System Coding *(i.e., PCS)*

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc. *(Use the Remarks columns to record the State permit number, if necessary.)*

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection.

A	Performance Audit	U	IU Inspection with Pretreatment Audit	!	Pretreatment Compliance (Oversight)
B	Compliance Biomonitoring	X	Toxics Inspection	@	Follow-up (enforcement)
C	Compliance Evaluation (non-sampling)	Z	Sludge - Biosolids	(	Storm Water-Construction-Sampling
D	Diagnostic	#	Combined Sewer Overflow-Sampling	)	Storm Water-Construction-Non-Sampling
F	Pretreatment (Follow-up)	$	Combined Sewer Overflow-Non-Sampling	:	Storm Water-Non-Construction-Sampling
G	Pretreatment (Audit)	+	Sanitary Sewer Overflow-Sampling	~	Storm Water-Non-Construction-Non-Sampling
I	Industrial User (IU) Inspection	&	Sanitary Sewer Overflow-Non-Sampling	<	Storm Water-MS4-Sampling
J	Complaints	\	CAFO-Sampling	-	Storm Water-MS4-Non-Sampling
M	Multimedia	=	CAFO-Non-Sampling	>	Storm Water-MS4-Audit
N	Spill	2	IU Sampling Inspection		
O	Compliance Evaluation (Oversight)	3	IU Non-Sampling Inspection		
P	Pretreatment Compliance Inspection	4	IU Toxics Inspection		
R	Reconnaissance	5	IU Sampling Inspection with Pretreatment		
S	Compliance Sampling	6	IU Non-Sampling Inspection with Pretreatment		
		7	IU Toxics with Pretreatment		

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

A — State (Contractor)
B — EPA (Contractor)
E — Corps of Engineers
J — Joint EPA/State Inspectors—EPA Lead
L — Local Health Department (State)
N — NEIC Inspectors
O — Other Inspectors, Federal/EPA (Specify in Remarks columns)
P — Other Inspectors, State (Specify in Remarks columns)
R — EPA Regional Inspector
S — State Inspector
T — Joint State/EPA Inspectors—State lead

Column 20: Facility Type. Use one of the codes below to describe the facility.

1 — Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
2 — Industrial. Other than municipal, agricultural, and Federal facilities.
3 — Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
4 — Federal. Facilities identified as Federal by the EPA Regional Office.
5 — Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as followup on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

NPDES
Inspection Report

Veldhuis Dairy, LLC
(NPDES Permit #: Unpermitted)

Mabton, Washington

Inspection Date: April 27, 2017

Prepared by:

Joe Roberto
Environmental Protection Agency, Region 10
Office of Compliance and Enforcement
Multimedia Inspection and RCRA Enforcement Unit

Table of Contents

Vander Meulen upon arriving at the facility.

- I explained to facility representatives that this visit was a compliance inspection to determine if manure or manure laden wastewater or any other discharges from the facility were entering nearby waterways.
- Mr. Veldhuis and Ms. Vander Meulen did not deny us access to the facility.
- We were allowed to inspect all areas of the facility that we requested to inspect.

III. Inspection Information

Facility Name	**Veldhuis Dairy, LLC**
Inspection Date	April 27, 2017
Time Arrived	9:10 AM
Time Departed	10:56 AM
Weather Condition	Clear and Dry
Facility Representatives Present	Mr. Ruurd Veldhuis was present throughout the inspection. Ms. Vander Meulen was present for the opening conference and the file review.
Inspection Team	Joe Roberto (EPA Lead Inspector) Daniel McCarty (WSDA)
Observed Discharge	I did not see a wastewater discharge from this facility at the time of the inspection. I also did not see any evidence of past discharges.
Inspection Type	Compliance evaluation inspection, without sample collection

IV. Facility Information

A. General Information

Owner and Operator	**Mr. Jacob Veldhuis**
Contact Information	(509) 837-3275 (office) (b) (6) ((b) (6) cell) office@windmillestates.net
Type of Operation	Dairy
Standard Industrial Classification (SIC) Code	0241 (Dairy Farms)
North American Industrial Classification System (NAICS) Code	112120 (Dairy Cattle and Milk Production)

I. Overview

This inspection report documents the findings of the National Pollutant Discharge Elimination System (NPDES) compliance inspection conducted by the United States Environmental Protection Agency (EPA) at Veldhuis Dairy, LLC (facility) on April 27, 2017.

This compliance inspection consisted of a(n):

- **Opening Conference** - During the opening conference, I provided business cards and presented my inspector credentials to facility representatives. During the opening conference, I discussed the purpose and expectations of the inspection.

- **Site Review** - During the site review we examined the areas of the facility associated with the dairy operation. This included a view of the animal confinement areas, runoff drainage pathways, manure containment system, perimeter of the animal confinement area, and the compost piles. See Section VI of this report for details of the site review.

- **Records Review** - During the inspection, I requested to see the nutrient management plan (NMP) records. See Section IV.G of this report for details regarding the records review conducted as part of the inspection.

- **Closing Conference** – I concluded the inspection with a closing conference, during which I discussed the preliminary inspection findings and areas of concern. See Section VII of this report for details regarding areas of concern identified during the inspection.

The primary focus of this inspection was to conduct a compliance evaluation inspection to determine compliance with the Clean Water Act. **For this facility, this meant evaluating whether manure, manure laden wastewater, or other wastewater associated with this dairy operation is leaving the facility and entering waters of the United States.** This evaluation did not include the collection of wastewater samples.

Unless otherwise noted, all details in this inspection report were obtained from conversations with Mr. Ruurd Veldhuis, Ms. Fransisca Vander Meulen or from observations during the inspection.

II. Inspection Entry

Specifics regarding entry to this facility are as follows:

- The inspection of this facility was unannounced.
- This was an EPA led inspection, although I was accompanied by Mr. Daniel McCarty with the Washington State Department of Agriculture (WSDA).
- I presented credentials to Mr. Ruurd Veldhuis (Manager) and Ms. Fransisca

Physical Address	26480 State Route 22 Mabton, Washington 98935
Mailing Address	650 Hornby Road Grandview, Washington 98930
GPS Coordinates	+46.19236°/-119.92691°
Permit Status	This facility is not currently covered by an NPDES permit.
Receiving Water	The nearest receiving water is the roadside ditch along the north side of the confinement area. Note that there was inadequate information available at the time of the inspection to determine where this roadside ditch ultimately routes runoff. See Attachment A for details.
Length of Operation	Veldhuis Dairy, LLC purchased this facility in 2008.
Number of Employees	Jacob Veldhuis owns and operates several dairy operations in the area. 205 individuals are employed to operate all the dairy operations.

B. Facility Description

This facility is one of several dairy operations owned and operated by Mr. Jacob Veldhuis. This Mabton facility (Veldhuis Dairy, LLC) is a dairy operation that confines dairy cattle in confinement areas. This facility consists of confinement pens, solids separator, sedimentation basins, wastewater storage lagoons, nearby fields for manure application, and manure compost piles. This operation currently confines only milking cows. See Attachment A for details regarding the major components of this facility.

C. Facility Size

The facility includes approximately 580 acres owned by the facility. Approximately 70 of the 580 acres consist of the animal confinement area and the remaining 510 acres is land used for manure application.

At least 2,000 additional acres is also available to the facility for manure application. This additional acreage is available through third party agreements with local farmers.

D. Number of Animals

At the time of the inspection, Mr. Veldhuis indicated that the facility currently confines between 3,800 to 4,000 milking cows. All dry cows and heifers are confined at other locations owned and operated by Mr. Jacob Veldhuis.

E. Length of Animal Confinement

According to Mr. Ruurd Veldhuis, cattle at this facility are confined throughout the year in the animal confinement areas.

F. Vegetation in the Confinement Area

I did not see any vegetation in the animal confinement areas at the time of the inspection.

G. NMP

At the time of the inspection, I asked Mr. Ruurd Veldhuis for a copy of the facility NMP documentation. This facility does have a NMP. According to Mr. Veldhuis, the NMP for this facility was created on February 11, 2009 and has not been updated since it was created.

The NMP specifies that the number of animals maintained at this facility is as follows:

- 800 milking cows,
- 150 dry cows,
- 200 heifers, and
- 150 calves.

Note that the number of animals identified in the NMP is less than the number of animals confined at the time of the inspection.

Also note that the review of the NMP documentation was not a comprehensive review designed to identify all deficiencies. Rather, the review of these documents was more cursory in nature. Any NMP deficiencies observed are listed in the "Areas of Concern" section of this report.

H. Manure Storage and Handling

This facility is designed with the goal of not discharging manure, manure laden wastewater, or other wastewater from the dairy to waters of the United States. This goal is accomplished by containing all generated dairy wastes onsite within the dairy facility until it can be land applied as fertilizer on nearby farm ground.

The bulk of the waste and wastewater at this facility is generated in the animal confinement area of the dairy. The **wastewater** portion of the waste generated at this facility is managed through a solids separator, four settling basins, and two wastewater storage lagoons. The liquid portion of the wastewater is routed to the lagoons for long term storage until it can be land applied to nearby farm ground. Liquids are ultimately land applied and utilized as fertilizer on the 510 acres of farm ground owned by the facility. Approximately 60% of the wastewater at this facility is also applied to land available to the facility through third party agreements with local farmers.

As indicated above, the facility stores wastewater in two wastewater storage lagoons. One lagoon is located onsite. The onsite lagoon is lined with a 40 mil. synthetic liner and was built in 2012. This onsite lagoon has a capacity of 5.5 to 6 million gallons.

The second wastewater storage lagoon available to the facility is located offsite

approximately two to three miles northwest of the dairy. I did not view this lagoon at the time of the inspection, however, Mr. Ruurd Veldhuis indicated that this lagoon was built in 2015 and is lined with 60 mil. synthetic liner. This second lagoon has a capacity of 4.5 million gallons. Wastewater from the facility is hauled to this offsite lagoon.

Mr. Veldhuis indicated that the two wastewater storage lagoons have the capacity to provide at least 120 days of storage before having to land apply wastewater.

Manure **solids** generated at the facility are either stored within the open lot confinement areas, or contained in the sedimentation basins. All solids at this facility are composted and then ultimately applied on farm ground owned by local farmers (via third party agreements) and utilized as fertilizer. The compost piles are located approximately two miles west of the dairy.

I. Animal Access to Waters of the United States
Animals at this facility are confined within corrals and as a result do not have access to surface waters.

J. Dead Animal Disposal
Dead animals from this facility are buried offsite at a location approximately ½ mile from the composting operation. Mr. Ruurd Veldhuis indicated that the burial location is approximately ¾ mile from the nearest water.

V. Compliance History

The last routine inspection of this facility was conducted by the WSDA on February 24, 2016. The report for this inspection indicated that the facility was in compliance at that time. This February 24, 2016 report also noted that the NMP needs to be updated. See Attachment B for a copy of the February 24, 2016 inspection report.

At the time of the inspection on April 27, 2017, Mr. Ruurd Veldhuis indicated that the NMP was still not updated.

VI. Site Review

The site review of this facility included a view of the confinement areas, solids separator, sedimentation basins, wastewater storage lagoon, and the compost piles. See Attachment A of this report with includes an aerial image and photographic documentation of the facility as seen during the site review.

Specifically, the site review included a view of the following:

- animal confinement areas (see photograph #s 3, 4, and 8 of Attachment A),
- solids separator (see photograph #s 5 and 9 of Attachment A),

- sedimentation basins (see photograph #6 of Attachment A),
- wastewater storage lagoon (see photograph #2 of Attachment A), and
- the compost piles (see photograph #10 of Attachment A).

VII. Areas of Concern

At the time of the inspection I identified one area of concern. This concern is identified as follows:

A. **NMP Update** NMP file information indicates that the number of animals confined at this facility consists of 800 milking cows, 150 dry cows, 200 heifers, and 150 calves. However, the actual number of animals confined at the facility at the time of the April 27, 2017 inspection was between 3,800 and 4,000 milking cows.

Because the actual number of animals confined is higher than the number established in the NMP, the actual amount of manure generated at the facility is likely also higher than that established in the NMP. While there is inadequate information to determine whether the facility is appropriately managing the amount of waste it generates, updating the NMP will at least show on paper that the increased amount of manure and wastewater generated can be properly managed by the facility.

VIII. Closing Conference

Prior to concluding the inspection, I held a closing conference with Mr. Ruurd Veldhuis on April 27, 2017. The purpose of this closing conference was to discuss the preliminary findings of the inspection. I discussed the area of concern listed above and then I thanked him for his time and assistance with the inspection.

Report Completion Date: May 10, 2017

Lead Inspector Signature:

ATTACHMENT A

Photograph Documentation

Unless otherwise noted, all photographs were taken by Joe Roberto on April 27, 2017 using a Samsung SL605.

This Attachment includes an aerial image of the facility. This aerial image contains hexagons (⬡→) which identify the approximate location of the photographer where certain Photograph Documentation photographs were taken. The number within the hexagon corresponds with the Photograph Documentation photo number. The arrow attached to the hexagon indicates the direction of the photograph.

Veldhuis Dairy, LLC

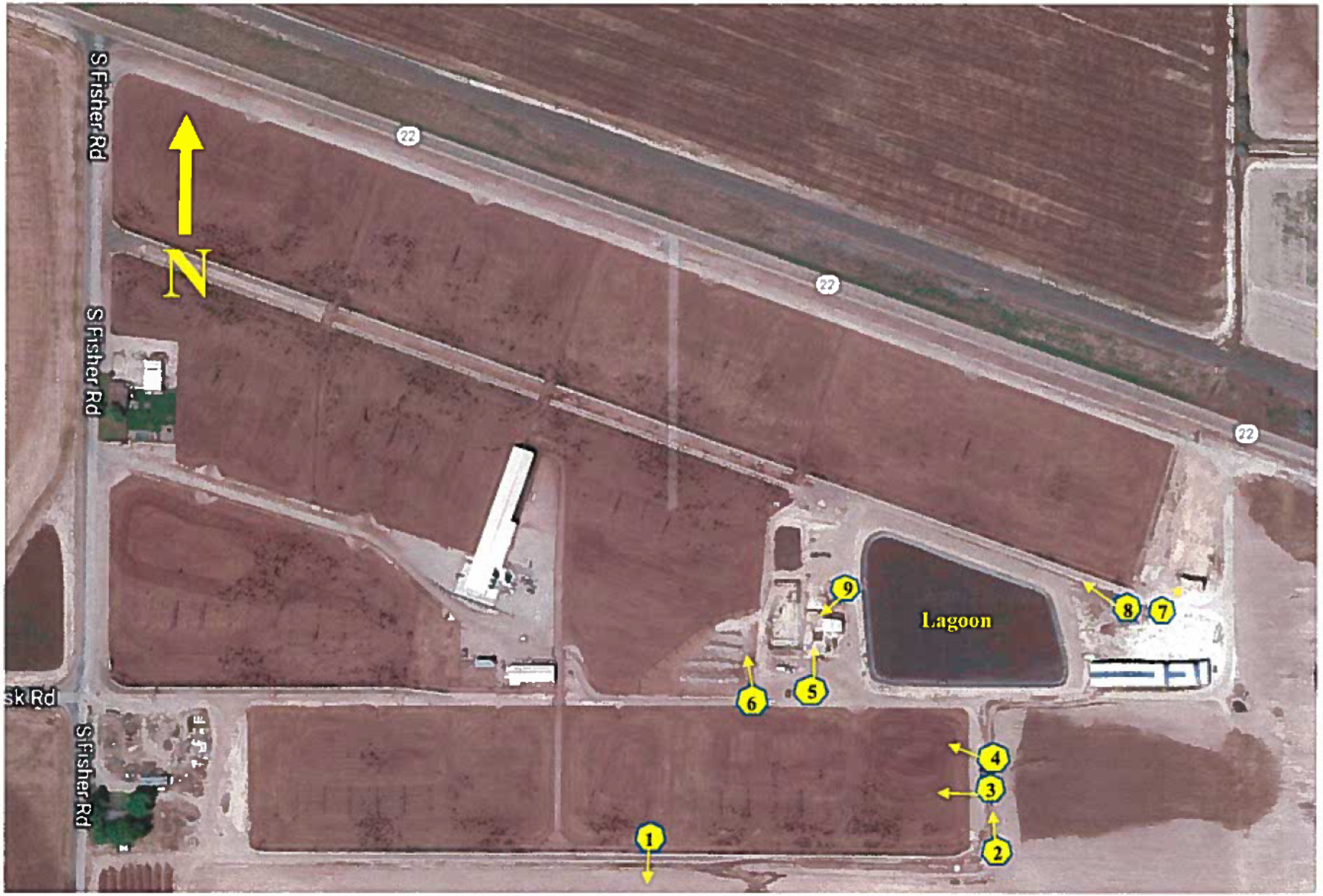
S Fisher Rd
S Fisher Rd
S Fisher Rd
N
22
22
22
Lagoon
1
2
3
4
5
6
7
8
9

Photo #1: Southerly view of the area just south of the south boundary of the confinement areas. This is a view in the vicinity of a piped (possible) waters of the United States. This piped waterway is routed under the confinement areas. Camera photograph #SAM 2780.

Photo #2: Northerly view showing the manure lagoon. Camera photograph #SAM 2781.

Photo #3: Westerly view showing the open lot animal confinement areas along the south side of the facility. Camera photograph #SAM 2782.

Photo #4: Northwesterly view showing a closeup view of the open lot animal confinement area near the southeast corner of the facility. Camera photograph #SAM 2783.

Photo #5: Northerly view showing the solids separator. Camera photograph #SAM 2784.

Photo #6: Northerly view showing sedimentation basins used to further settle out solids. The separated liquids from these basins are routed to the lagoon for storage until it is land applied. Camera photograph #SAM2785.

Photo #7: View of one of two catch basins at the facility. These catch basins are located in low spots around the confinement areas. Water captured in these basins are then routed to the lagoon. Camera photograph #SAM 2786.

Photo #8: Northwesterly view open lot confinement pens near the northeast corner of the facility. Camera photograph #SAM 2787.

Photo #9: Southwesterly view showing the solids separator. Camera photograph #SAM 2788.

Photo #10: View of the manure composting area located approximately two miles west of the dairy. Camera photograph #SAM 2789.

ATTACHMENT B

February 24, 2016 WSDA Inspection Report

Veldhuis Dairy, LLC

Document Number: IR-3101

Facility Information

Business Name: Veldhuis Dairy **Status:** Active
CAFO Permit? None **CAFO Permit ID:** **CAFO Issue Date:** **CAFO Termination Date:**
AG ID No: 2225 **License Issue Date:** 08/22/2008
Facility Type: Dairy
Site Address: 26480 State Route 22 Mabton,WA 98935-9536
Mailing Address: 771 Hornby Rd Grandview,WA 98930-9231
Latitude: 46.193413 **Longitude:** -119.935803
Conservation District: South Yakima **County:** Yakima **Region:** EA

Facility Contact(s)

Title	First Name	Last Name	Business Phone	Other Phone	Cell Phone	Email
Operator	Jake	Veldhuis	(509) 837-3275		(b) (6)	office@windmillestates.net

Other Contact(s)

Title	First Name	Last Name	Business Phone	Cell Phone	Email	Address	City	State	Zipcode
Land Owner	Windmill Estates		(509) 837-3275	(b) (6)	office@windmillestates.net	650 Hornby Rd	Grandview	WA	98930-9202

Inspection Report

Inspection Type:* Routine **Other Type:**
Sub-Category: ☐Agency Referral ☐Aerial ☐Citizen Complaint ☐DNMP ☐Ground ☐Sampling ☐Self Report
Date of Inspection:* 02/24/2016 **Arrival Time:*** 1 : 30 PM
WSDA Inspector* Daniel McCarty
Other Attending:

Nutrient Management Plan Information ☐N/A

1. Does the farm have a nutrient management plan (NMP)?* ◉Yes ○No
2. Is the NMP on site?* ○Yes ◉No
3. Are animal numbers based on revised WSP?* ○Yes ◉No **If Yes, Enter Date:**

Land for Nutrient Application	NMP-#	Current-#	Difference
Acres Owned	0.00	340.00	
Acres Leased or Rented			
Total	0	340	

Livestock (Dairy)	NMP-#	Current-#	Difference
Milking Cows	800	3200	300
Dry Cows	150		
Heifers (6 mos - fresh)	150		
Calves (0 - 6 mos)	200		
Total animals on site	1300	3200	146

☒Livestock N/A

Livestock (Non-Dairy)	NMP-#	Current-#	Difference
Beef - Heifers			
Beef - Feed Lot			
Beef Cow/Calf			
Beef - Bulls			
Chicken - Broilers			
Chicken - Layers			
Chicken - Free Range			
Other			
Total animals on site	0	0	

Approval CD Cert

Approval Date:02/04/2009 | CD Cert Date:02/04/2009 | Producer Cert. Date:02/11/2009

Update Approval Date: | Update Cert Date: | ☐Email WSDA

Comments:
Nutrient Management Plan is being updated by SYCD.

Infrastructure ☐N/A

Facility ID	Latitude	Longitude	Basin	Basin Sub-Basin	Drainage	Not Evaluated	Edit
Main						☐	Edit / Delete / Add Lagoon / Add Upright Tank / Add Pit / Add Feed / Add Mortalities / Add Solid

Manure Containment
☐Roofwater not adequately diverted ☐Manure from animal confinement not contained ☐Other

Comments:

Lagoon Storage ID	Latitude	Longitude	Net Capacity	Unit	Not Evaluated	Edit
L1			5000000	Gallons	☐	Edit / Delete / Add Lagoon / Add Upright Tank / Add Pit / Add Feed / Add Mortalities / Add Solid

☐Overflowing ☐Operated above freeboard ☐Leaking
☐Too much vegetation to evaluate bank ☐Bank not maintained ☐Other

Comments:

Mortalities	Not Evaluated	Edit
	☐	Edit / Delete / Add Lagoon / Add Upright Tank / Add Pit / Add Feed / Add Mortalities / Add Solid

☐Rendered ☐Composted ☐Inadequate Management
☒Burial ☐Other

Comments:

Facility ID	Latitude	Longitude	Basin	Basin Sub-Basin	Drainage	Not Evaluated	Add
						☐	

Manure Containment
☐Roofwater not adequately diverted ☐Manure from animal confinement not contained ☐Other

Comments:

1

Comments:

Recordkeeping ☐N/A

	Y	N	NA	If "No", which years are not maintained?				
Are required application records maintained?	●	○	○					

Comments:

Field ID | Method
Commercial | Nutrient Source
Crop | Nutrient Analysis
Crop need based on expected yields | Total N Applied
Total P Applied
Application dates | Weather Day Prior
Application rates | Weather Day of app

Are required nutrient test records maintained?	●	○	○					

Comments: Annual lab test

Are required nutrient transfer records maintained?	●	○	○					

Comments:

Transfer Agreement
Export Date
Total N
Total P

	Total Volume Digestate

Contact info for person(s) receiving nutrients

											Add

1

Are required soil test records maintained?	●	○	○				
Comments:					Annual Fall Nitrate Complete soil test every three years %OM pH Ammonium P K EC		
Are required irrigation records maintained?	●	○	○				
Comments:					Total irrigation water applied by field ID		
Are digestate records maintained?	○	○	●				
Comments:							
Are other records maintained?	○	○	●				
Comments:					Actual yields and nutrient analysis Additional manure tests Weather forecasts Application risk management worksheets Calibration		

Agronomy ☐N/A

1. Do enough records exist to make a determination of agronomic application ◉Yes ○No

Soils in the following fields highlighted in RED are at or above 45ppm fall nitrate level:

								Add
Comments								

1

2. 0 acres out of a total of 340 acres was at or above 45 ppm nitrate in 3 out of the last 5 years of post-harvest nitrate tests from the top foot soil.

Soils in the following fields highlighted in RED are at or above 100ppm phosphorus level:

								Add
Comments								

1

Comments:
Records are in great shape.

Application Assessment ☒N/A

						☐	Add

1

Comments:

Field Conditions: ☐Bare Ground ☐Dense Grass ☐Patchy ☐Preferential pathways ☐Tile(s) ☐Field swale(s) ☐Other
Comments:

Management Decisions: ☐Inadequate setbacks ☐Improper placement ☐Improper timing ☐Improper rate ☐Other
Comments:

CAFO ☒N/A

Water Quality	Yes	No	Not Required
1. Are surface water quality testing records maintained:	○	○	○

Years Maintained:

2. Are ground water quality testing records maintained: ○ ○ ○

Comments:

Animal Mortality Management

1. Does facility have an Animal Mortality Management Plan: ○ ○ ○

Primary method of management:

Secondary method of management:

2. Is facility following an Animal Mortality Management Plan: ○ ○ ○

Comments:

Clean Water Inspection and Maintenance

1. Are records being maintained to document inspection, maintenance and repairs: ○ ○ ○

Years maintained:

Comments:

Liquid Manure Storage

1. How are lagoon volume being monitored:

☐Electronic depth detection ☐Flow Meters ☐Lagoon Depth Markers ☐Other

2. Are volume monitoring records being maintained: ○ ○ ○

Years maintained:

3. Are end of season volumes with 10 percent of expected volume: ○ ○ ○

Years maintained:

Manure Handling Equipment

1. Do you make liquids applications: ○ ○ ○

Are records of equipment calibrations available: ○ ○ ○

Years maintained:

Are records of agronomic rate calculations available: ○ ○ ○

Years maintained:

2. Do you make solids applications: ○ ○ ○

Are records of equipment calibrations available: ○ ○ ○

Years maintained:

Are records of agronomic rate calculations available: ○ ○ ○

Years maintained:

Comments:

Buffer/Setback Practices

1. Do you observe 100 foot application buffers: ○ ○ ○

2. Do you observe 35 foot or greater vegetative buffer: ○ ○ ○

3. If no, what conservation practices are used to control runoff from field applications:

Comments:

Chemical Handling Plan

1. Is Chemical Handling and Disposal Plan being followed: ○ ○ ○

Comments:

Outcomes ☐N/A

Inspection Outcomes	Basis of determination			
	Visual	Photo	Water Sample	Soil Sample
☐There is an immediate potential for a release of pollutants to waters of the state	☐	☐	☐	☐
☐Livestock have direct access to surface water	☐	☐	☐	☐
☐There is currently a release of pollutants to waters of the state	☐	☐	☐	☐
☐There is evidence of a release to waters of the state	☐	☐	☐	☐
☐Records do not demonstrate agronomic application of nutrients				
☐Required records are not maintained				
☐NMP Needs to be updated				

Issues identified in last inspection: ☐NA

		☐	☐	☐	☐	☐	Add

Comments:

Compliance Activity ☐N/A

Overall Compliance:* ●In Compliance ○Out of Compliance ○In Compliance with Follow Up Required

Compliance Recommendation: ☐Formal Enforcement ☐NOC ☐Warning

Follow Up Activity ☐NA

Is follow up required? * ○Yes ◉No
Follow up required:

☐Facility Issues **Date:**

☐NMP Updates **Date:**

☐Recordkeeping Issues **Date:**

☐Application Issues **Date:**

☐Technical Assistance **Date:**

Technical Assistance* No
Technical Assistance Conservation District: South Yakima
Conservation District Phone: 509-829-9025
Conservation District Email: lc@sycd.us
Comments:

Additional comments attached? * ○Yes ◉No

Inspector Contact Information:
Daniel McCarty
509-969-7140
dmccarty@agr.wa.gov

Producer approves to have a copy of report sent to:

Departure Time: 4 00 PM

Inspection Comments

Soil samples show great use of N. Fields 25, 26 and 27 were recently purchased in 2015 and are being double cropped to reduce N levels. Records are in great shape. Thank you for your time. Nutrient Management Plan is being updated.